AMENDMENT TO THE SPECIFICATION

Please replace the paragraph appearing on page 8, lines 16-23 with the following amended paragraph:

The process performed at steps 162-164 is repeated for each head i in the disc drive until, at step 166, β_i has been calculated and stored for the last head (N-1) in the disc drive. More particularly, if a determination is made at step 166 that β_i has not been determined for the last head, the value of i is incremented at step 168 and the process loops back to step 160 to select the next head. The process continues until β_i has been optimized and stored for all head/surface combinations. At that time the process ends at step 170. An approximate width of a writer portion of head 110 and a corresponding track pitch are both indicated by reference numeral 111 in FIG. 3.